

TABLE 28.120(B).—SURVIVAL CRAFT FOR UNDOCUMENTED VESSELS WITH NOT MORE THAN 16 INDIVIDUALS ON BOARD—Continued

Area	Vessel type	Survival craft required
Beyond Boundary Line, between 12–20 miles of coastline, <i>cold</i> waters.	All .....	Inflatable buoyant apparatus.
Beyond Boundary Line, within 12 miles of coastline, <i>cold</i> waters.	10.97 meters (36 feet) or more in length.	Buoyant apparatus.
Beyond Boundary Line, within 12 miles of coastline, <i>cold</i> waters.	Less than 10.97 meters (36 feet) in length.	Buoyant apparatus. See note 2.
Beyond Boundary Line, within 20 miles of coastline, <i>warm</i> waters.	All .....	Life float. See note 2.
Inside Boundary Line, <i>cold</i> waters; or Lakes, bays, sounds, <i>cold</i> waters; or rivers, <i>cold</i> water.	10.97 meters (36 feet) or more in length.	Buoyant apparatus.
Inside Boundary Line, <i>cold</i> waters; or Lakes, bays, sounds, <i>cold</i> waters; or Rivers, <i>cold</i> water.	Less than 10.97 meters (36 feet) in length.	Buoyant apparatus. See note 2.
Inside Boundary Line, <i>warm</i> waters; or Lakes, bays, sounds, <i>warm</i> waters; or Rivers, <i>warm</i> waters.	All .....	None.
Great Lakes, <i>cold</i> waters .....	All .....	Buoyant apparatus. See note 2.
Great Lakes, beyond 3 miles of coastline <i>warm</i> waters	All .....	Buoyant apparatus. See note 2.
Great Lakes, within 3 miles of coastline <i>warm</i> waters ...	All .....	None.

NOTE: 1. The hierarchy of survival craft in descending order is lifeboat, inflatable liferaft with SOLAS A pack, inflatable liferaft with SOLAS B pack, inflatable liferaft with coastal service pack, inflatable buoyant apparatus, life float, buoyant apparatus. A survival craft higher in the hierarchy may be substituted for any survival craft required in this table.

2. If a vessel carries 3 or fewer individuals within 12 miles of the coastline, see § 28.120 (b) and (c) for carriage substitution.

TABLE 28.120(C).—SURVIVAL CRAFT FOR UNDOCUMENTED VESSELS WITH MORE THAN 16 INDIVIDUALS ON BOARD

Area	Vessel type	Survival craft required
Beyond 50 miles of coastline .....	All .....	Inflatable liferaft with Solas A pack.
Between 20–50 miles of coastline, <i>cold</i> waters .....	All .....	Inflatable liferaft with SOLAS B pack.
Between 20–50 miles of coastline, <i>warm</i> waters .....	All .....	Inflatable liferaft.
Beyond Boundary Line, between 12–20 miles of coastline, <i>cold</i> waters.	All .....	Inflatable liferaft.
Beyond Boundary Line, within 12 miles of coastline, <i>cold</i> waters.	10.97 meters (36 feet) or more in length.	Inflatable buoyant apparatus.
Beyond Boundary Line, within 12 miles of coastline, <i>cold</i> waters.	Less than 10.97 meters (36 feet) in length.	Buoyant apparatus.
Beyond Boundary Line, within 20 miles of coastline, <i>warm</i> waters.	All .....	Life float.
Inside Boundary Line, <i>cold</i> waters; or Lakes, bays, sounds, <i>cold</i> waters; or Rivers, <i>cold</i> waters.	10.97 meters (36 feet) or more in length.	Inflatable buoyant apparatus.
Inside Boundary Line, <i>cold</i> waters; or Lakes, bays, sounds, <i>cold</i> waters; or Rivers, <i>cold</i> waters.	Less than 10.97 meters (36 feet) in length.	Buoyant apparatus.
Inside Boundary Line, <i>warm</i> waters; or Lakes, bays, sounds, <i>warm</i> waters; or Rivers, <i>warm</i> waters.	All .....	None.
Great Lakes, <i>cold</i> waters .....	10.97 meters (36 feet) or more in length.	Inflatable buoyant apparatus.
Great Lakes, <i>cold</i> waters .....	Less than 10.97 meters (36 feet) in length.	Buoyant apparatus.
Great Lakes, beyond 3 miles of coastline <i>warm</i> waters	All .....	Buoyant apparatus.
Great Lakes, within 3 miles of coastline <i>warm</i> waters ...	All .....	None.

NOTE: 1. The hierarchy of survival craft in descending order is lifeboat, liferaft with SOLAS A pack, Inflatable liferaft with SOLAS A pack, liferaft with SOLAS B pack, Inflatable liferaft with SOLAS B pack, Inflatable liferaft with coastal service pack, inflatable buoyant apparatus, life float, buoyant apparatus. A survival craft higher in the hierarchy may be substituted for any survival craft required in this table.

[CGD 96-046, 61 FR 57273, Nov. 5, 1996; CGD 96-046, 61 FR 68162, Dec. 27, 1996, as amended by CGD 96-046, 62 FR 46676, Sept. 4, 1997]

### § 28.125 Stowage of survival craft.

(a) Each inflatable liferaft required to be equipped with a SOLAS A or a SOLAS B equipment pack must be

stowed so as to float free and automatically inflate in the event the vessel sinks.

(b) Each inflatable liferaft, inflatable buoyant apparatus, and any auxiliary craft used in their place, must be kept readily accessible for launching or be

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stowed so as to float free in the event the vessel sinks.

(c) Each hydrostatic release unit used in a float-free arrangement must be approved under part 160, subpart 160.062 of this chapter.

(d) Each float-free link used with a buoyant apparatus or with a life float must be certified to meet part 160, subpart 160.073 of this chapter.

**§ 28.130 Survival craft equipment.**

(a) *General.* Each item of survival craft equipment must be of good quality, effective for the purpose it is intended to serve, and secured to the craft.

(b) *Inflatable liferafts.* Each inflatable liferaft must have one of the following equipment packs as shown by the markings on its container:

- (1) Coastal Service;
- (2) SOLAS B Pack (formerly “Limited Service”); or
- (3) SOLAS A Pack (formerly “Ocean Service”).

(c) Each life float and buoyant apparatus must be fitted with a lifeline, pendants, a painter, and a floating electric water light approved under part 161 subpart 161.010 of this chapter.

(d) *Other survival craft.* A vessel must not carry survival craft other than inflatable liferafts, life floats, inflatable buoyant apparatus, or buoyant apparatus, such as lifeboats or rigid liferafts, unless the survival craft and launching

equipment comply with the requirements for installation, arrangement, equipment, and maintenance contained in 46 CFR part 199.

[CGD 88–079, 56 FR 40393, Aug. 14, 1991, as amended by CGD 84–069, 63 FR 52813, Oct. 1, 1998]

EFFECTIVE DATE NOTE: By CGD 84–069, 63 FR 52813, Oct. 1, 1998, § 28.130, paragraph (d) was amended by removing the phrase “46 CFR part 94” and adding “46 CFR part 199”, effective Nov. 2, 1998.

**§ 28.135 Lifesaving equipment markings.**

(a) Except as provided in paragraph (d) of this section, lifesaving equipment carried aboard a vessel pursuant to the requirements of this subpart or part 25, subpart 25.25 of this chapter must be marked as specified in table 28.135.

(b) Lettering used in lifesaving equipment markings must be in block capital letters.

(c) Retroreflective markings required by this section must be with material approved under part 164, subpart 164.018 of this chapter. The arrangement of the retroreflective material must meet IMO Resolution A.658(16).

(d) A wearable personal flotation device must be marked with the name of either the vessel, the owner of the device, or the individual to whom it is assigned.

TABLE 28.135.—LIFESAVING EQUIPMENT MARKINGS

Item	Markings Required	
	Name of vessel	Retroreflective material
Wearable personal flotation device (Type I, II, III, or wearable Type V); Immersion suit or exposure suit	See § 28.135(d) .....	Type I or Type II.
Ring life buoy .....	X .....	Type II.
Inflatable liferaft .....	See note .....	See note.
Inflatable buoyant apparatus .....	See note .....	See note.
Life float .....	X .....	Type II.
Buoyant apparatus .....	X .....	Type II.
Auxiliary craft .....	X .....	Type II.
EPIRB .....	X .....	Type II.

NOTE: No marking other than that provided by the manufacturer and the servicing facility is required.

[CGD 88–079, 56 FR 40393, Aug. 14, 1991; 56 FR 49822, Oct. 1, 1991, as amended by CGD 95–012, 60 FR 48048, Sept. 18, 1995]

**§ 28.140 Operational readiness, maintenance, and inspection of lifesaving equipment.**

(a) The master or individual in charge of a vessel must ensure that each item of lifesaving equipment must